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Attorney Docket No.: PATENT
COOL-01800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth Goodson et al.

Patent No.: 7,104,312 B2

Serial No.: 10/698,304

Filed: October 30, 2006

Issued: September 12, 2006

For: **METHOD AND APPARATUS FOR
ACHIEVING TEMPERATURE
UNIFORMITY AND HOT SPOT
COOLING IN A HEAT
PRODUCING DEVICE**

Group Art Unit: 3743

Examiner: Terrell L. McKinnon

TRANSMITTAL LETTER

162 N. Wolfe Road
Sunnyvale, CA 94086
(408) 530-9700

Customer No. 28960

Attn.: Decision and Certificate of Correction
Branch of the Patent Issued Division
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
OCT 05 2006
of Correction

Sir:

Enclosed please find a Request for Certificate of Correction of Patent No. 7,104,312 B2 including Form PTO 1050 in duplicate for filing with the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 9-29-06

By: Thomas B. Haverstock
Thomas B. Haverstock
Reg No.: 32,571

Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP

Date: 9/29/06 By: [Signature]

OCT - 6 2006



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PATENT
Attorney Docket No.: COOL-00302

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: 3743
)	
Kenneth Goodson <i>et al.</i>)	Examiner: Terrell L. McKinnon
)	
Patent No.: 7,104,312 B2)	REQUEST FOR CERTIFICATE OF
Serial No.: 10/698,304)	CORRECTION OF PATENT FOR
)	U.S.P.T.O. MISTAKES UNDER 37 C.F.R.
Filed: October 30, 2003)	§ 1.322
Issued: September 12, 2006)	
)	162 North Wolfe Road
For: METHOD AND APPARATUS FOR)	Sunnyvale, California 94086
ACHIEVING TEMPERATURE)	(408) 530-9700
UNIFORMITY AND HOT SPOT)	
COOLING IN A HEAT)	
PRODUCING DEVICE)	Customer No. 28960

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Alexandria, VA 22313-1450

**Attn: Decision and Certificate of Correction
Branch of the Patent Issue Division**

Sir:

Attached in duplicate is Form PTO-1050, with at least one copy being suitable for printing. The corrections stated in the attached Form PTO-1050 recite the corrections stated below.

Below, column and line numbers refer to U.S. Patent Number 7,104,312, titled "Method and Apparatus for Achieving Temperature Uniformity and Hot Spot Cooling in a Heat Producing Device," and issued September 12, 2006. Page and line numbers refer to the corresponding U.S. Patent Application Serial Number 10/439,912 (the '912 application), filed May 16, 2003.

OCT - 6 2006

**CORRECTION OF PATENT OFFICE'S
MISTAKES UNDER 37 C.F.R. § 1.322**

The following are mistakes made by the U.S. Patent Office. The exact page and line number where the errors are shown correctly in the application file are given below.

In the References Cited

On page 4, under OTHER PUBLICATIONS, please replace "Jerry K. Keskn, Ph.D." with "Jerry K. Keska, Ph.D." The name is shown correctly in the Information Disclosure Statement mailed on April 30, 2004.

In the Claims

In column 23, line 59, Claim 42 (b), please replace:

"a second layer coupled to the first layer for channeling fluid to the first layer and for channeling fluid from the first layer, wherein the heat exchanger is configured to minimize temperature differences along the heat source"

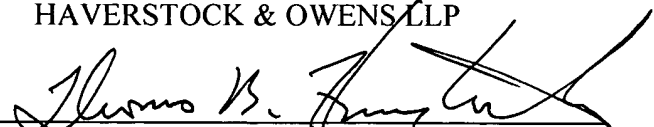
with:

"a second layer coupled to the first layer for channeling selectable, non-uniform amounts of fluid to one or more predetermined locations within the first layer and for channeling fluid from the first layer, wherein the one or more predetermined locations within the first layer correspond to one or more predetermined locations on the heat source, further wherein the heat exchanger is configured to minimize temperature differences along the heat source."

This amendment as corrected was first mailed February 22, 2005 in response to the office action sent December 21, 2004. The amended claim also appears as corrected in the amendment filed April 21, 2005.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 9-29-06

By: 
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Reg. No. 32,571
Attorneys for Applicant(s)

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HAVERSTOCK & OWENS LLP.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,104,312 B2

DATED : September 19, 2006

INVENTOR(S) : Kenneth Goodson, Thomas W. Kenny, Peng Zhou, Mark Munch, Girish Upadhyaya, Mark McMaster, James Horn

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby correct as shown below:

IN THE REFERENCES CITED - OTHER PUBLICATIONS - p. 4

Please replace "Jerry K. Keskn, Ph.D." with "Jerry K. Keska, Ph.D." The name is shown correctly in the Information Disclosure Statement mailed on April 30, 2004.

IN THE CLAIMS - COLUMN 23, LINE 59, CLAIM 42(B)

Please replace:

"a second layer coupled to the first layer for channeling fluid to the first layer and for channeling fluid from the first layer, wherein the heat exchanger is configured to minimize temperature differences along the heat source"

with:

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